

IMAGin.
by MACTac®



Technical Data Sheet

LF 3697

PRODUCT DESCRIPTION

FACE: An ultra clear gloss, soft 50 μ cast PVC. **ADHESIVE:** Ultra clear, acrylic based permanent, pressure sensitive. **LINER:** The product is protected with a clear PET liner, easy to remove.

TYPICAL USES

LF 3697 is designed for the over-laminating and protecting of large and medium size digital images printed on super soft, flexible media.

LF 3697 is designed for the lamination of perforated vinyl for window graphics, one-wayvision advertising.

PHYSICAL PROPERTIES AVERAGE VALUES TEST METHOD

ADHESIVE DATA, 23°C

Quick Tack on glass ± 10 N/25mm FTM 9

Peel 180° - 24 h on glass ± 14 N/25mm FTM 1

Dimensional stability ,48 h. at 70°C on Aluminium < 0.1 % FTM 14

RELEASE LINER Special transparent polyester 36 μ ISO 536

THICKNESS Film + adhesive 75 μ ISO534

TEMPERATURE RANGES Application on flat or curved surfaces + 10° C to +40°C
 on riveted or corrugated surfaces + 40°C (with hot hair gun) **End-use** -30° C to +100°C

N.B. : for temperatures outside those quoted above, please consult us.

CHEMICAL RESISTANCE

Resistant to short periods of immersion in water and short contact with detergents, alcohol and some aliphatic solvents. Not recommended for contact with ketones, esters, aromatic solvents and chlorinated hydrocarbons.

SHELF LIFE

2 years when stored at 15/25° C and 50 % relative humidity.

DURABILITY LF 3697 will give satisfactory performance for up to 5 years.

The durability does not relate to the colours of the prints but only to the film.

Note end-use-life estimates are based upon accelerated ageing studies and outdoor exposure, under conditions experienced in vertical exposure and in "normal" temperate climates. Exposure to severe humidity and ultra-violet light, as well as conditions in southern European countries, and also in tropical, sub-tropical or desert regions, will cause a more rapid deterioration. This also applies to polluted areas, high altitude and south facing exposure .

RECOMMENDATIONS

-Where exposure to chemicals, solvents or high pressure water hoses is envisaged, it is recommended to seal the edges of the prints with varnish or silicone in order to avoid penetration of these liquids.

-Where possible, always test the proposed construction under actual application and end-use conditions because a 100% multi-purpose adhesive for all substrates does not exist.

- In order to reach the best result, it is recommended to apply **IMAGin LF3697** (onto the image) with the help of a professional laminator with a top cylinder temperature of about 50°C. Please regulate the speed and the pressure in order to avoid the film deterioration.

- When laminating digital prints, please ensure the print is perfectly dry before.

- **JT 5529 P** laminated with **LF3697** can be rolled up to allow easy transport . The roll should have a diameter above 7 cm and the image should be facing outwards. Application is made easier if a **MACtransfer** Application Tape is used. To ensure an easier transfer, always remove the liner and not the application tape.

- **IMAGin LF3697** is recommended for the lamination of the **JT 5915 P**, **JT 5920 P** and **JT 5817 P** perforated vinyl for window graphics, one-way-vision advertising.

IMPORTANT NOTICE

All MACtac products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning MACtac products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of MACtac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.